



## Become a Scorpion Robot Vision Integrator

Tordivel AS is a Norwegian based software company specialising in Industrial Machine Vision. We develop, distribute and support Scorpion Vision Software® globally, through our own sales offices, distributors and partners.

**We are searching for Robot Vision Integrators that want to make cost effective automation solutions by using robots and machine vision.**

### Why use machine vision?

Robots require guidance of picking position and product identification to be flexible and cost effective. And a robot may be the ideal solution for presenting an object in multiple positions in front of a camera (or moving the camera in multiple positions) for quality control or assembly verification.

### What can we offer?

Scorpion Vision Software is the state of art configurable standard vision software for implementation of flexible and powerful robot vision applications.

A unique combination of power and simplicity.

As a Scorpion Robot Integrator Partner you will get the following:

- Free Scorpion Maintenance licenses (full Scorpion vision software functionality but no camera interface) for your vision developers
- Free Scorpion training at our official training courses or internet sessions
- Discounted Robot Vision Starter Kit comprising Scorpion Vision Software Standard, Sony Smartcam V3 with power supply, 8 mm lens and lens calibration grid
- Free e-mail and telephone support (up to ½ hour)
- Priority when requesting support also at customer site

- Discounted Scorpion Maintenance contracts including free upgrades of your Scorpion maintenance licenses and access to our support web and ftp server
- Complete sample applications
- A general discount of 20 % on all products on our pricelist plus volume discount

### Why use Scorpion Vision Software?

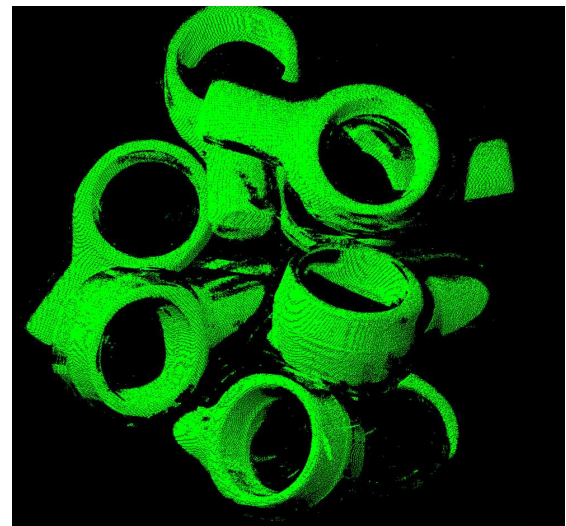
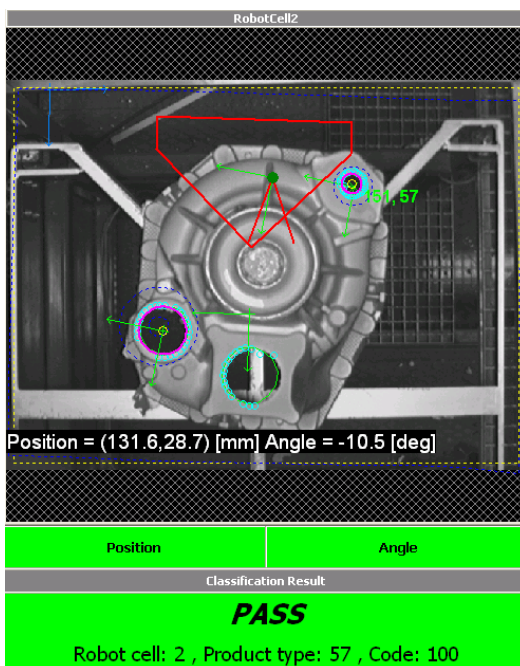
Using Scorpion you will have the following benefits when you make a robot vision system:

- The best picking accuracy through:
  - Standard calibration for elimination of lens distortion and perspective
  - Six point robot reference system calibration
  - 3D camera calibration
  - Unique PolygonMatch sub-pixel edge detection and pattern matching technology



- The most flexible and simple handling of multiple products
  - No limitation in number of different product variants
  - Easy Toolbox management with a large number of tools
- The most powerful system for implementing complex functionality and sequence of operation
  - Fully integrated Python script language
  - Event driven command system for controlling complex camera(s), inspection and communication sequences
- Support for digital interface (TCP/IP and RS232) to all major robot brands:
  - ABB, Motoman, Kuka, Fanuc,

- Mitsubishi, Kawasaki, Toshiba, Bosch etc.
- The best options for making custom operator or teach new product interfaces
  - Standard data input pages and both standard and custom plug in panels
  - Integrated web page and .Net support
- The easiest to use 3D machine vision including stereo vision for accurate picking with:
  - Random layer or product height position
  - Random inclination of product position
- The lowest component costs by using open and standard hardware platform:
  - Standard PC running Windows XP with standard FireWire camera(s)
  - Sony Scorpion Smart Cam running Windows XP embedded
- Scorpion 6.0 will support random-bin picking in 2008. Two large research projects 3DMultiCam and Auto3D ensures continuous development of world-class features.



### What do we expect from you?

To be a Scorpion Robot Vision integrator you need to sign a simple contract with our local Scorpion Sales Office and do the following:

- Purchase of the following items to get started:
  - Robot Vision Starter Kit: 3.950 Euro
  - Scorpion Robot Vision Maintenance contract:
    - Free upgrade for all developer licenses - 700 Euro / year
- Participate for free in Scorpion Training Courses
- Use Scorpion Vision Software when delivering machine vision solutions
- Promoting Scorpion Machine Vision Solutions

### How to proceed?

Contact us: e-mail: Helge Jordfald - [helge@tordivel.no](mailto:helge@tordivel.no)

Then we will set up an internet meeting (duration 1 hour) using GoToMeeting desktop sharing system with the following agenda:

- Demonstrate Scorpion Vision Software
- Discuss your applications and get complete sample applications
- Agree on next activities

More information and free demo licenses at <http://www.scorpionvision.com>